

IN THE CLAIMS

Claim 1. (currently amended) an information processing apparatus comprising:

non-volatile storage means for storage of a database supervising contents data stored in a recording medium;

first registration means for carrying out a registration process with said database;

information holding means for holding contents processing data formulated using predetermined information of information forming said database and used for predetermined processing for said contents data;

contents processing means for carrying out said predetermined processing for said contents data using the contents processing data; and

second registration means for carrying out registration processing for said contents processing data, wherein

said second registration means operates in response to results of the processing carried out by said contents processing means to execute the registration processing for said contents processing data in keeping with results of the processing when the registration processing for said database by said first registration means is executed;

wherein said non-volatile storage means comprises first non-volatile storage means and storage control means; said storage control means for operating in response to an end of the processing booted as said contents processing means to store the

contents processing data held by said first information holding means on second non-volatile storage means;

matching information processing means for storing and processing matching information, said matching information processing means operating so that, when the processing for registration for said database by said first registration means and the processing for registration for said contents processing data by said second registration means are carried out in response to the results of processing carried out by said contents processing means, matching information indicating the matching of the contents of registration of said database and the contents processing data is stored for said contents data and saved by information holding means; and

wherein said storage control means stores said matching information held by said information holding means into third non-volatile storage means.

Claims 2-3. (canceled)

Claim 4. (currently amended) The information processing apparatus according to claim 3-1, wherein said third non-volatile storage means and said second non-volatile storage means have the same storage area; and wherein

said storage control means causes said unit data process information and said matching information to be stored in said same storage area in such a manner as to form a file including said contents processing data and said matching information.

Claim 5. (currently amended) The information processing apparatus according to claim ~~3-1~~, further comprising:

decision means for verifying whether the contents of registration of the contents processing data stored in said second non-volatile storage means and the contents of registration of said database are matched to each other, based on said matching information stored in said third non-volatile storage means and on said matching information stored in said database.

Claim 6. (previously presented) The information processing apparatus according to claim 5 further comprising:

initializing means which, in case the contents processing data is initialized and the result of decision that said registration contents are matched is obtained by said decision means, causes the contents processing data in said second non-volatile storage means to be saved in said information holding means.

Claim 7. (previously presented) The information processing apparatus according to claim 5 further comprising:

initializing means which, in case the contents processing data is initialized and the result of decision that said registration contents are not matched is obtained by said decision means, formulates said contents processing data, using the database stored in said first non-volatile storage means, and causes the so formulated contents processing data to be saved by said information holding means.

Claim 8. (currently amended) An information processing method comprising the steps of:

first registration processing for executing a registration processing for a database that is information supervising contents data stored in a recording medium and that is stored in a non-volatile storage area;

processing for contents data for carrying out a required processing for said contents data, using contents processing data ~~the information for contents processing~~ saved in an information holding area, said contents processing data ~~information for contents processing~~ being information formulated using predetermined information of information forming said database and utilized in a required processing for said contents data; and

second registration processing for executing the registration processing for said ~~information for contents processing data~~,

wherein in case the registration processing for said database by said first registration processing is carried out in response to results of processing as said processing for said contents data, said second registration processing executes the registration processing for said ~~information for processing the contents~~ processing data in keeping with said results of processing;

wherein said non-volatile storage area comprises a first non-volatile storage area and a storage control area; said storage control area for operating in response to an end of the

processing booted to store the contents processing data held by said first information holding area on a second non-volatile storage area;

storing and processing matching information, so that when the processing for registration for said database in said first registration processing step and the processing for registration for said contents processing data in said second registration processing step are carried out in response to the results of processing carried out in said contents processing step, matching information indicating the matching of the contents of registration of said database and the contents processing data is stored for said contents data and held in the information holding area; and

wherein said storage control area stores said matching information held in said information holding area into a third non-volatile storage area.

Claim 9. (currently amended) A computer program product for information processing, comprising the steps of:

first registration processing for executing a registration processing for a database that is information supervising contents data stored in a recording medium and that is stored in a non-volatile storage area;

processing for ~~unit~~ contents data for carrying out a required processing for said contents data, using contents processing data ~~the information for contents processing~~ held in an information holding area, said contents processing data ~~information for contents processing~~ being information formulated

using predetermined information of information forming said database and utilized in a required processing for said contents data; and

second registration processing for executing the registration processing for said ~~information for contents processing data~~,

wherein in case the registration processing for said database by said first registration processing is carried out in response to results of processing as said processing for said contents data, said second registration processing executes the registration processing for said ~~information for processing the contents processing data~~ in keeping with said results of processing;

wherein said non-volatile storage area comprises a first non-volatile storage area and a storage control area; said storage control area for operating in response to an end of the processing booted to store the contents processing data held by said first information holding area on a second non-volatile storage area;

storing and processing matching information, so that when the processing for registration for said database in said first registration processing step and the processing for registration for said contents processing data in said second registration processing step are carried out in response to the results of processing carried out in said contents processing step, matching information indicating the matching of the contents of registration of said database and the contents processing data

is stored for said contents data and held in the information holding area; and

wherein said storage control area stores said matching information held in said information holding area into a third non-volatile storage area.

Claim 10. (currently amended) A recording medium having recorded thereon a program executed on an information processing apparatus, comprising the steps of:

first registration processing for executing a registration processing for a database that is the information supervising contents data stored in a recording medium and that is stored in a non-volatile storage area;

processing for contents data for carrying out required processing for said contents data using contents processing data ~~the information for contents processing~~ held in an information holding area, said contents processing data ~~information for contents processing~~ being information formulated using predetermined information of information forming said database and utilized in a required processing for said contents data; and

second registration processing for executing the registration processing for said ~~information for contents processing~~ data,

wherein in case the registration processing for said database by said first registration processing is carried out in response to results of processing as said processing for said contents data, said second registration processing executes the

registration processing for said ~~information for processing the~~
contents processing data in keeping with said results of
processing;

wherein said non-volatile storage area comprises a first
non-volatile storage area and a storage control area; said
storage control area for operating in response to an end of the
processing booted to store the contents processing data held by
said first information holding area on a second non-volatile
storage area;

storing and processing matching information, so that when
the processing for registration for said database in said first
registration processing step and the processing for registration
for said contents processing data in said second registration
processing step are carried out in response to the results of
processing carried out in said contents processing step,
matching information indicating the matching of the contents of
registration of said database and the contents processing data
is stored for said contents data and held in the information
holding area; and

wherein said storage control area stores said matching
information held in said information holding area into a third
non-volatile storage area.